

HARTMANN'S PLANTATION

Cultivated Blueberries

PLANTS AND BERRIES

ROUTE 1

GRAND JUNCTION, MICHIGAN

*Library, U. S. Dept. of Agri.
Washington 25, D. C.*

Feb. 21, 1956

Thank you for your inquiry concerning my Blueberry Plants.

They are of the improved Cultivated Hybrids. Utmost personal care has been taken to grow strong and vigorous rooted plants. State inspection is made each year to insure production of good healthy plants.

Field plantings of blueberries offers both enjoyment and profit that cannot be surpassed by any other fruit producing bush. An acre of blueberries at mature age will produce from 4,000 to 6,000 pints of fruit.

Blue berry plants are also used in the garden and for landscaping. By furnishing satisfactory conditions, an interested gardener can grow a plot of fruitful and delightful plants that will be a source of pride to him.

The ideal blueberry soil is fertile, has plentiful water supply, is well drained and aerated, is well supplied with organic matter and is acid. Acidity should be in the pH range of 4.5 to 5.5. Several materials may be used to increase soil acidity. Weathered sawdust, leaves, rotted wood, apple pomace, or acid peat are some. Sulphur or aluminum sulphate are also used.

When ordering blueberry plants for garden or small settings, it is advisable to purchase plants more than one year old.

One year old plants are two to six inches tall. They should be placed in nursery rows a year or two before setting out in field planting. They may be spaced 8" or 10" apart, with the rows 18" or 20" apart. The plants can be cultivated with a hand cultivator or hoe.

Two year old plants are 6 to 12 inches tall. Three year olds are 12 to 20 inches tall, and four year olds are 20" to 3 feet tall.

Three year old plants usually have a small amount of fruit the year they are set. But it is not until plants are four years and older that they produce in marked quantity.

Two year or older plants may be spaced 4 to 5 feet apart, with rows 10 ft. apart, if tractor cultivation is to be used. For garden or small plantings, where hand cultivation is to be used, a spacing of 4x6 feet is sufficient.

Any fruit buds or flowers that appear the first two years should be removed to prevent fruit bearing, until plants are well established.

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A good method for planting when soil is not sufficiently acid, is to dig a trench 3 ft. or wider, 2 ft. deep, and long enough to hold the number of plants to be set. The trench is then filled with a mixture of one part sand, one part forest litter, one part weathered sawdust or acid peat or partly rotted oak leaves. The plants are set in the middle of a bed so formed, watered, mulched and watered again if soil becomes dry. The plants should be set slightly deeper than they grew in the nursery. The soil packed so firmly about the roots that the plant will resist a strong tug without becoming loosened. If the plants are at all dry upon arrival they may be immersed in water a few hours before planting. Too much water around the roots of the plants during the growing season will tend to rot the root system, so care should be taken to keep the soil well aerated, cultivated and only moist during the summer.

Blueberry plants respond readily to fertilization. Although nitrogen generally affects growth and yield most, it has been found that a complete fertilizer is more desirable, because nitrogen used alone causes excessive short growths.

Young plants are easily hurt by too much fertilizer. None is needed the first year they are set. In the following spring (before plants are too leafed out) a small handful of fertilizer, well spread out around each plant, is beneficial. A fertilizer with an 8-8-8 analysis is recommended. Instances of injury to plants has been noticed where muriate of potash was used in the analysis. Sulfate of potash is safer and better.

Blueberry plants are as easy to grow, and require no more care or treatment than other bush plants. Under favorable soil conditions the blueberry plant will thrive and produce a most delectable fruit, and provide beauty in its setting the year around.

Your order will receive my personal attention. If you wish any further information, drop me a line.

Very truly yours,



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Following are the Blueberry plants I should be pleased to supply you with:

✓ RANCOCAS. Bush is tall, vigorous, upright and tends to overbear. Requires severe pruning. The fruit is large, light blue, firm, and ships well. Ripens early. This variety I have in 1, 2, 3, and 4 year olds.

✓ STANLEY. Bush is erect, vigorous, but with few main branches. Leaf very large, requires little pruning. Berries are large, aromatic and of delightful flavor. Ripens in midseason. This variety I have in large supply of one year olds and a limited amount of two year olds.

✓ CONCORD. Bush is average in vigor, upright, spreading very tall, and productive. Fruit of good blue color, firm with slight aroma. Midseason to late, suitable for leaving on bushes longer than most other varieties. My supply of Concords is in 1, 2, and a limited amount of 3 and 4 year olds.

✓ RUBEL. A widely grown commercial variety. Grows 6 ft. and taller, is easily pruned and picked. Is an exceptional producer of sweet, delicious berries. Ripens late. I have these in 1, 2, 3 and 4 year olds.

✓ JERSEY. Ripens with Rubel. The berries have a good color and keeping quality, are extra large, of fine flavor and firm. The stems are long, making the cluster so open that the berries are easily picked. A very popular variety, supplied in 1, 2, 3, and 4 year olds.

✓ BURLINGTON. Ripens about a week or ten days after Rubel. The plants grow slowly, but eventually attain large size. Berries good sized, of good color and nice flavor. Like the Rubel, it is wonderfully productive bush. In large amounts of 1 and 2 year olds. A few 3 year olds.

I have a few hundred 3 year old plants of the PIONEER and HARDING varieties. Both varieties have bushes that are open spreading and vigorous; fruit clusters long and rather tight, berries medium sized but large if heavily pruned; both have a characteristic aroma and are of high dessert quality. For home use either fresh, frozen or preserved, they are unsurpassed. Discontinued in large commercial plantings because bushes are costly to prune and harvest. Both ripen in midseason.

	<u>each</u>	<u>per doz.</u>	<u>per 25</u>	<u>per 100</u>
One year old plants are	\$.25	: \$2.75	: \$ 5.00	: \$15.00
Two year old plants are	.50	: 5.50	: 10.00	: 35.00
Three year old plants are	.85	: 8.50	: 16.00	: 55.00
Four year old plants are	1.15	: 12.00	: 22.00	: 75.00

All plants priced f.o.b., my plantation.

